

IN THE CLAIMS

Claims 1-18 (canceled)

Claim 19 (new): A method for inducing proliferation of cytolytic T cells, comprising contacting a sample containing cytolytic T cell precursors with (i) a polytope, wherein said polytope comprises an amino acid sequence found in a Melan-A molecule, and which forms a complex with an HLA molecule and (ii) a sample of cells which present HLA molecules on their surfaces and which process said polytope to Melan-A peptides which complex with said HLA molecules, wherein the complexes of said HLA molecules and Melan-A peptides induce proliferation of cytolytic T cells.

Claim 20 (new): The method of claim 19, wherein said amino acid sequence found in a Melan-A molecule forms a complex with an HLA Class I molecule.

Claim 21 (new): The method of claim 19, wherein said HLA molecule is an HLA-A2 molecule.

Claim 22 (new): The method of claim 19, wherein said polytope comprises an amino acid sequence selected from the group consisting of SEQ ID NO: 6, SEQ ID NO: 7, SEQ ID NO: 8, SEQ ID NO: 9, SEQ ID NO: 10, SEQ ID NO: 11, SEQ ID NO: 12, SEQ ID NO: 13, SEQ ID NO: 14, SEQ ID NO: 15 and SEQ ID NO: 16.

Claim 23 (new): The method of claim 19, wherein said amino acid sequence found in a Melan-A molecule forms a complex with an HLA Class II molecule and stimulates an antibody response.